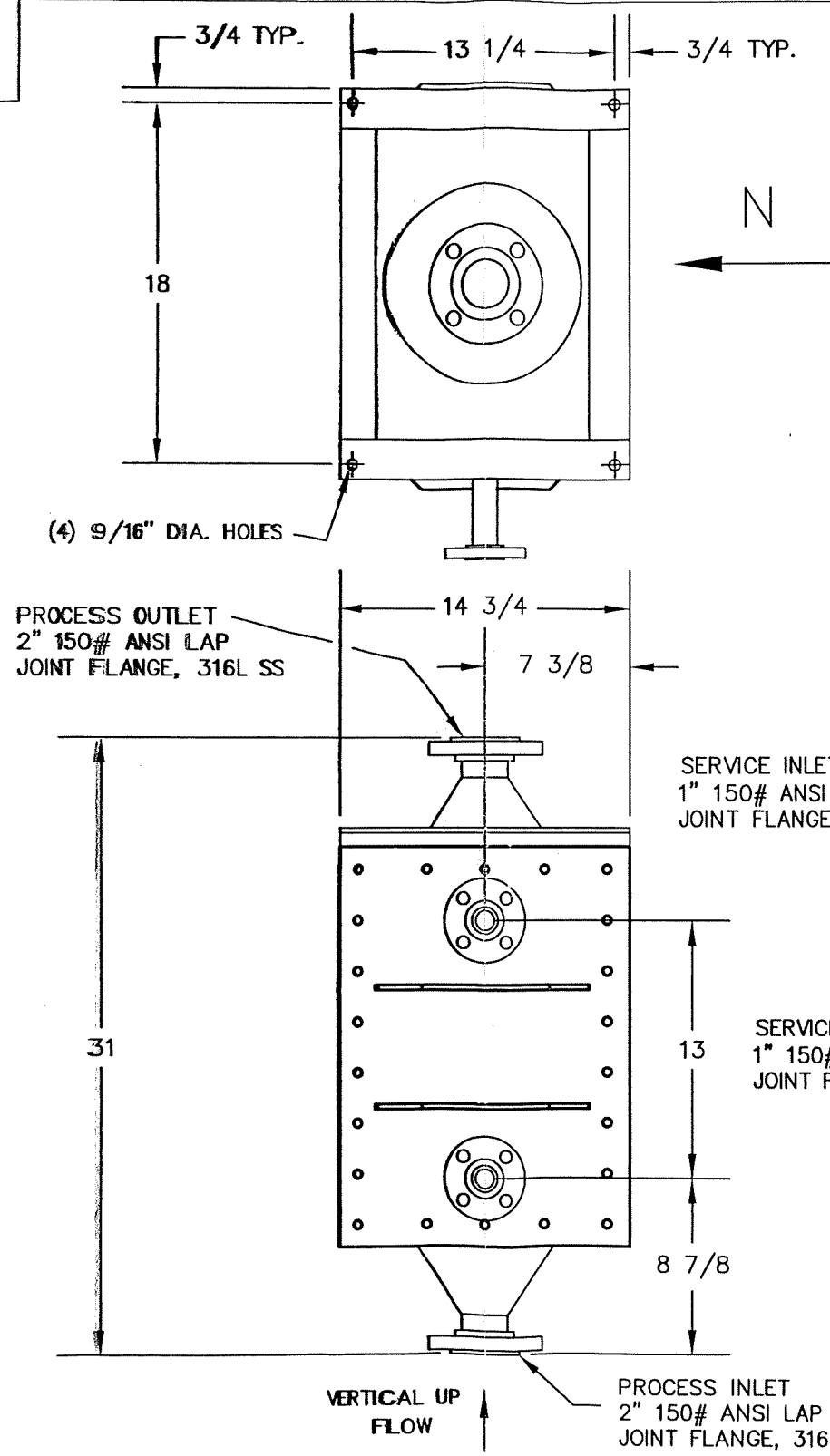


CERTIFIED
DRAWING
Date: 01/04/02

34315



1. PERFORMANCE AND CONSTRUCTION PER DATA SHEET #63169
2. CAUTION: CORE IS NOT DRAINABLE-PROTECT FROM FREEZING
3.

	DESIGN PRESSURE	DESIGN TEMPERATURE
PROCESS	-14.7 TO 50 PSIG	-400 TO 450°F
SERVICE	-14.7 TO 150 PSIG	0 TO 450°F
4. APPROX. WEIGHT (DRY/WET) 266/270 LBS

Xchanger Inc.
Hopkins, Minnesota

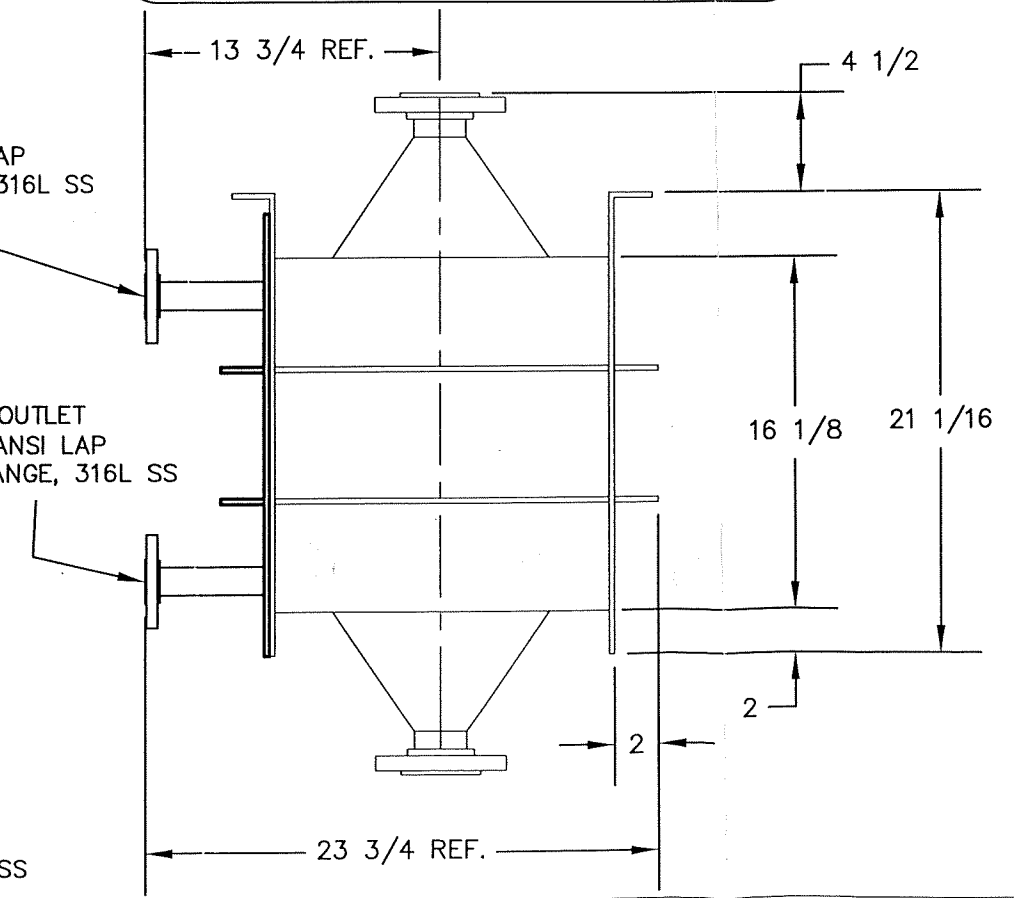
CUSTOMER P.O.: 47066950

COGNIS CORPORATION

MODEL NUMBER: TV-075 P/N 34315

SERIAL NUMBER: 1201-B7694

EQUIPMENT NO.: VPC-12



LCEC Item #
114066

VPC-12

TOLERANCES (UNLESS OTHERWISE NOTED)		Xchanger Inc. 1401 SOUTH 7TH ST HOPKINS, MN 55343		MODEL TV-075 HEAT EXCHANGER ASSEMBLY			
DECIMAL ± .25	FRACTIONAL ± 1/4	DRAWN BY: MJR APPROVED BY:	SCALE: NONE DATE: 01/04/02	JOB NUMBER B7694	SHEET 1 OF 1	DRAWING NUMBER 34315	REV. A